

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	132265	(radial or radially) with flow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 12:24
L2	63354	(radial or radially) near4 (flow or flowing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 12:25
L3	62	2 same filter same (catalyst or catalytically or catalytic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 12:49
L4	1308	disk near2 shaped near2 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 12:49
L5	25	4 same top same bottom same wall	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 13:03
L6	6	disk near2 (shape or shaped) with filter candle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 13:04
L7	0	disk near2 (shape or shaped) with filter elment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 13:04
L8	480	disk near2 (shape or shaped) with filter element	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 13:06
L9	926	disk shaped with stacked	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 13:06

EAST Search History

L10	46	9 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 13:34
L11	7053	calcium aluminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 13:54
L12	143	11 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 15:32
L13	808	11 same catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 15:33
L14	34	13 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 15:46
L15	26	calcium aluminate same ("NO.sub. x" or NOx)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 15:51
L16	2	"4350613".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 15:52
S1	1	"5925156".pn.	US-PGPUB; USPAT	ADJ	ON	2007/06/13 15:13
S2	1	"5265419".pn.	US-PGPUB; USPAT	ADJ	ON	2007/06/14 05:58
S3	19	("2267918" "3022187" "4629483" "4728503" "4746341" "4810273" "5126103" "5468273" "5486220").PN. OR ("5925156").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 15:37
S4	30	("3227659" "3526322" "3596441" "3627497" "3826066" "3853510" "4259096" "4426320" "4472587").PN. OR ("4728503").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 15:42

EAST Search History

S5	14	("2267918" "3022187" "4629483" "4728503" "4746341" "4810273" "5126103" "5468273" "5486220").PN. OR ("5993502").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 15:59
S6	30	("3227659" "3526322" "3596441" "3627497" "3826066" "3853510" "4259096" "4426320" "4472587").PN. OR ("4728503").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 16:00
S7	38	("0145596" "0162498" "1126692" "1532730" "2012962" "2185584" "2336430" "3016108" "3190058" "3593499" "3712030" "3857688" "3957133" "4372111" "4393652" "4419113" "4516994" "4645521" "4686827" "4706454" "4728503" "4969328" "5097665" "5246472").PN. OR ("5606854").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 16:03
S8	89	S3 or S4 or S5 or S6 or S7	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 16:03
S9	3	S8 and inconel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 16:26
S10	1074222	filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 16:27
S11	35915	filter element	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 16:30
S12	59893	filter element	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 16:30
S13	239	S12 and porous and (catalyst or catalytic or catalytically) and tube and insert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 16:55
S14	0	S12 and porous and (catalyst or catalytic or catalytically) and tube and insert	EPO; JPO; DERWENT	ADJ	ON	2007/06/13 16:32
S15	58	S12 and porous and (catalyst or catalytic or catalytically)	EPO; JPO; DERWENT	ADJ	ON	2007/06/13 16:32

EAST Search History

S16	14002	filter same (tube or tubular) same annular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 16:55
S17	4086	filter same (tube or tubular) same (annular or annulus) and plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 16:56
S18	581	filter same (tube or tubular) same (annular or annulus) and (catalyst or catalytic or catalytically)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 16:56
S19	20	filter same (tube or tubular) same (annular or annulus) and (catalyst or catalytic or catalytically)	EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:06
S20	920	sintered near2 filter	EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:07
S21	33	S20 and (annular or annulus)	EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:09
S22	1	"5421998".pn.	US-PGPUB; USPAT	ADJ	ON	2007/06/13 17:09
S23	82	("2944396" "3449247" "3464885" "3606999" "3609999" "3853759" "3900300" "3912626" "3938972" "4141829" "4215094" "4217218" "4221577" "4229296" "4272383" "4292953" "4326957" "4338199" "4370223" "4377066" "4378976" "4380960" "4384897" "4460628" "4543190" "4564458" "4593202" "4594164" "4668256" "4698157" "4714032" "4721575" "4733852" "4767543" "4792408" "4793153" "4822394" "4822497" "4861484" "4861497" "4872890" "4880440" "4891139" "4898107" "4936960" "4936990" "4968328" "4983296" "5009857" "5011614" "5053142" "5057220" "5057231" "5075017" "5106513" "5133877" "5183577" "5192453" "5221486" "5232604" "5232605" "5240619" "5250193" "5252224").PN. OR ("5421998").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 17:32

EAST Search History

S24	1	"4906362".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/13 17:32
S25	996	filter candle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:33
S26	213	S25 and (catalyst or catalytic or catalytically)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:48
S27	0	plastic with filter same temerature near2 low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:49
S28	0	plastic with filter same temerature near2 lower	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:49
S29	0	(polypropylene or polyethylene or polyolefin or polyamide or polysulfone or polycarbonate) with filter same temerature near2 lower	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 05:58
S30	22200	(polypropylene or polyethylene or polyolefin or polyamide or polysulfone or polycarbonate) with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:51
S31	3450	S30 same temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:51
S32	332	S31 same (advantageous or improve or improved or better)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 17:54
S33	4	ceramic with preferable with high temperature with (catalyst or catalytic or catalytically)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 18:28

EAST Search History

S34	0	ceramic with preferable with temperature with (catalyst or catalytic or catalytically) with fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 18:29
S35	0	ceramic with advantageous with temperature with (catalyst or catalytic or catalytically) with fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 18:29
S36	0	ceramic with better with temperature with (catalyst or catalytic or catalytically) with fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 18:29
S37	195	ceramic with temperature with (catalyst or catalytic or catalytically) with fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 18:29
S38	94	ceramic with high temperature with (catalyst or catalytic or catalytically) with fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/13 18:30
S39	3040671	polypropylene or polyethylene or polyolefin or polyamide or polysulfone or polycarbonate or plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 05:59
S40	1119621	catalyst or catalytic or catalytically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 05:59
S41	8046468	support or base	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 05:59
S42	71370	S40 near2 S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 06:00
S43	1435	S39 with S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 06:00

EAST Search History

S44	11	S43 same low temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 06:03
S45	27	S43 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 06:56
S46	2612	open both sides	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 06:56
S47	2825	open near both sides	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:04
S48	114	S47 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:00
S49	26597	open near both ends	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:04
S50	1020	S49 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:04
S51	75	S50 same (advantageous\$ or preferable or preferably)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:28
S52	141	filter near5 in series	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:29
S53	2	S52 same gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:36

EAST Search History

S54	22901	flow through near5 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:37
S55	230	S54 and (S47 or S49)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 07:38
S56	70	S55 and radial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 08:06